

Title: CHEMICAL FLUID CLEANING PROCESS FOR MEMBRANE CARTRIDGE
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Abstract

PROBLEM TO BE SOLVED: To provide a chemical fluid cleaning process for cleaning effectively and efficiently a membrane cartridge communicating with permeating fluid header tube section equipped with an atmosphere release section.

SOLUTION: In the state of immersing a membrane separation device 1 in a liquid 3 to be treated, a chemical fluid of a proper flow rate for keeping the proper liquid level difference between the liquid level of the liquid 3 to be treated and the liquid level of a rising section 6b is injected into a permeating fluid header tube 6 and fed into a permeating fluid flow path of a membrane cartridge 4 by the pressure based on the proper liquid level difference. The chemical liquid can be fed uniformly into all the membrane elements 4 by the arrangement to clean a filter membrane in a good manner and also prevent the damage and release of the filter membrane caused by the pressure of the chemical fluid.

